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The Oldest American Aeronautical Magazine

JULY 9, 1928

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VOLUME XXV

Special Features

NUMBER

Aircraft Instruments The 1928 National Air Tour The Air Corps Promotion List Problem

AVIATION PUBLISHING CORPORATION 250 WEST 57 STREET, NEW YORK

July 9, 1938



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No. 1

Vol. XXV Adv 5, 200

Index to Contents

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equipped with

SCINTILLA Aircraft Magnetos



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Two weeks to machine a crankcase section~

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The Air Corps Promotion List Problem

By FREDERICK II NEELY

A PTER BATTLESO for eight years for a correction of molitate's other the World Wex, offices of the Army feative with faulth elected to become a flice Air Corps wheel on the threshold of abbancing that which to

ing for a friend, again will be opened to the hundle personleges, no perk, but appeal for a square deal and recomition pressoing maker will be taken up where it was left off a few



Lorst Jones H. Doublife, who is wenther free No.

ployable" in "extrament" had its incertion back in 1887 as a defined, and feel soul troblers the present starrated con-

ing comp to New York and Smith began his training as a print at an Au Service field in Texas. On August 2 of that



he could usuced May Gen. James E. Freder, about at

trinsier is all around have. Places were follow sense in rember 1, 1817, a hunterest and social measure of a marr

Swith fift the stug all right but be and bandwis of oth spend the semaining days of the wor from August 1, 1997, er Smith served a like time at the fresh in przymit, observa-

and Emply over left the country.

But after the way the Army had a problem before it to early for the ears. In course of excelled measures marker and the only then to be one work the transition officers many 1800 that this morables to the till Security resolution separation to the learns of their communicated service. Just be having using of the afficiency on the proportion but well bemotion that was published and Smith formal Jones with a rank thed?" Then the Lampert Committee is 1985 recommanded



in the possioties list. The majority of those were near the jorky in 2046 or after IL ye, of servers. A brush folion As now as the made but was established, it become on from wax appeared in the War Department to determine the entert of these recentions. This board was headed by "Sharke Boord" An exhausive study was made, hogsley branch or arm of the serves which is adversely affected at its report declared: "The board is of the openes that the startim, will affect adversely the efficiency of the Air Ser-

These was no doubt obcet the presence of the alleged-

parties suffered by the arieties officers." This was fid-In this sight year period signs the coals list was probed. the Air Carps, with its 800 officers out of 10,800 for the stige Amy, was contricting 40 per cent of the vacances. to less than one-triel(t), of that of the Army. The vacanties quetel treaty were filed by an officer of another known

of the service, the street could not fill the sheet with re-Has the hops on the "buncy" contrased to Sy hoping that them. There mak was all that was avoidable to usek from, ation sodes to major generals, affects in charge of large re-



Licety, Albert Reproberger (left) and Lotter J. Musbeat. made of delium warth of property here been placed in their Ther've perfected dates and still are perfecting delies that the other branches of the service would have brigadier

Costinued on page 337

AVIATION

The Menasco-Salmson Engine

Model B-2 is a Complete Redesign of the Original French Power Plant and Develops 260 Hp. at 1800 R.P.M.

THE PECENT entrance of the Message-Salmon region wide the commerced field has attracted a great deal at Within 20 days other the Message balls Superposed Sales-

The high performance of this sagine was stellingly do a consume power origin of slightly better than 300 hg. for to light the advertising twee take sign with which the

to air ording and has been completely referenced through-



Front vice of the sine spinder 200 by Renavo-Salmon out by A. S. Moracco. Two arem of extraorie experimental



Most important of the shrages are possibly, the new stem greatly sixplifed and improved value setting; the healt we ownleshaft; new oil prosp, lighter, shorter and eloug Stine teleping 200 kp. at the normal speed of 3500 rp.m. The creatment is divided into below, and the seasiabath

nompart and regged segme number. All assessment are grouped at the year of the engine with Beer vacu of the Menson-Johnson showing the Zenkh per-

The leading was provided over by H. H. Broaks, sales-Meredgh Nickolson, norded, and Adv Gen William III Kerdner. Block, Bryon, and Nicholan acted as local top:

perstruit small. In St. Louis, a two day step, the team and the Landbreck treater extention in Jefferson Memoral,

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Table of Gualifying Figures Made by the 1928 National Air Tour Entries at Ford Airport. Detroit, Mich., June 28 & 29 CONTROL TOUR X MAXDILY SPECIA + ----- XERIT

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The United Air Transport, Inc., has completely equipped derkers and steen, has been developed in the Long Liked a serve place happer on the field. A sixh bonn for the sta-Burlington County Aero Club Announces

Incorporation and Membership Increase takes out composition papers. They were prepared by former Judge Hamid 3. Wells, Stell with the Secretary of State of Transport and assessed. S. Speer Oak of Manual.

will buyes serveral pleases. The circle please is being strend temperarily at the Crement Airport, Camden Guaranteed Guranus Corp., Richmond Hill,

House Passes Bill Authorizing Commission To Name First Successful Flying Machine A BILL has peound the House of Representatives sucher-

Equipment on Simplex Red Arrow Planes

H. H. Lougelov, slab possident, has accorded an in legion County segment, in sountary, and William do 3 Since its covarianties the city has recovered and developed

Now Manufacturing Fire Proof Hangara ared become These bridges are had; estately all stood The walls and roof shorts are belled to the franceign

icine the Project To appears a seementon of fire distrimarked effects of the United States to whose Certific Wright. corrected beaver then six from packing." The report to

has asserved a confract from the Supplex Agency Corp. of ter, allimeter, buspenstran groups, and oil prevense groups

Former Naval Aviators Establish Trophy To Be Asserted for World's Second Record A GROUP of these Next system, and of skon serial

Among the doctors are F. Trajec Devises, assistant none he retrained for presentent parameter. Pilots of the world ing the measurer speed record which as determined after To Be a Silver Colonial Globe The field of eith concerns the dears to further the pro-

true and a half fact high, to a other released globe and stood. These who denoted the temply are W Load Street, W. P. Thompson, Oliver B. James, Cherles N. Stovert, C. Fred Alpie, E. Bertow Bend, F. B. Y. Lyuck, D. H. Hellakoti, Dennis, Jr., Henry H. Lerden, Jr., Robert A. Lerett, Rep. M. Bruch, S. L. Brelend, Jr., Smerni S. Walter, and A. J.

According to Cost E. Sakory, respitary of the costent error Pilot Laboratories of Brooklyn Buys

Stinson-Detroiter for Radio Bescarch THE PEOP Laborators of Septites, revisions tall Speed sockets are both interest with the wing framework, Hhminated Smoke Column Forms Novel Bearen Near Field of Vance Air Service THE VANCE Air Serves has just completed a \$5,004

saves of which it owns. There is not once a fence on the The field is about one mile west of the Assessels Copper Manag Carls plant which has a smoke stack over 500 ft at earth. This smake start can be seen from 54 to 200 m; rwsy, dependant on varbuitty The Vanue Arr Berney has sold nine Wase 10 strebune D, who operates a figure ushed, Tomory Thompson. Salt Lake Dity, Utab, M. J. Boon, Great Falls, Mandacot; Die a local physical accorner there for pilete and the Depart-

Envotian Transportation System Forms New Subsidiary With Airport at Marion, III. THE REVETLEN Asserts Ct. as Illinois expression, the exalgabilities of regular receive no ned where profitable The ushed new has II stadents, and on the company day, The company is a subsellary of the Keyptone Tenesports. tion System. It is also building on the ner mail routes. On-

Visidia-Terminus Airways Organized by Pilots and Airminded of Visalia, Calif. MARKENS THE WALLS shorted regularly operated our

The distance ringered to study 22 up had dee to the paper

THE PIECE through New York Managers' are used and from Nevert at \$30 A.M., arriving at Albany at 7 A.M., It is confidently expected that the Graedius cowpery will

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The new Super-Beaute is not in the form of a searchight.

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United Air Transport, Inc., of Philadelphia Leaves Pine Valley Airport, Clementon, N. J. THE UNITED AN Transport, Inc. of Pudadelphia has ing of nece then she bunded and eighty never. The new stated outselves as set as all other terms of consocial Consolidated Instruments To Be Standard The True Yelley Alreet is established one of the finest in present builder of the Ireland Amphipieme. The property in owned by Lundrasus Irrival's matter. Lauterant Ire

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Ford Plane With Span of 76 Ft. Delivered To Scenic Airways for Flights at Canyon A SPECIAL Fort-Short monophile has been farmed out

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This is the second 12 passenger Ford place the company

Petroleum Air Lines to Offer Service Between San Angelo, Tex., and Toka, Okla, THE OBBANIZATION at the Petroleum Air Lease to operate between fine Augelo, Tea, and Take, Okla, by way eccipents and petfor plans into faces. IL C Martin, one

General Aircraft Corn., of Haxleton, Pa., To Use Wasp Engine in First Monoplane coali Corp. of Harleton, Peans, that its first Navigator because of the deficulty in obtaining a modiler coping for Corn. for 18 Whiching custom to be delivered during the

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Austin Company of Cleveland, O., Issues Booklet Explainme Its Designing Service favorities at worter legitings and a number of the medevelopments as design of both factories and surport facili-

Now on Instructor at Parks Air College THE EAST of intrustors at Parks Ass College now us-Lows trioper syndian reflected. G. L. Lawhest in therBrule Air Service Providing Tourists With Aerial View of Summer White House

Auly 9, 1908

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New Pioneer Instrument Indicates Bate At Which Airplane Engine Consumes Fool



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California Railroad Commission Favors State Wide Passenger Air Line Control

According to the report recommending state wide control, The resounts for our peopletion in Coldenie to consid-

Mrs. Florid Bennett, Widov of Famous Pilot, New Engaged in Life Insurance Business MEN PLOYD Seast, valor of Ford Breest, frances the fife bearing business. Mrs. Brooks in secondaring at-25 Court Heart, Brankley, N. Y., has supposed that it will

Travel Air and Fairchild Plane Apencies Taken by Nevada Motor Co. of Reno, Nev

Albetross Co. of Berlin Develops Biplane For Instruction of Advanced Students

THE ALBATROSS to of Bello he devloced a new with a BHW IV. Juniors IA. Brestel Junior VI, or now nages of similar weight and true.



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rdess artistical an altitude of 18,860 ft. The maximum bark need allianed was 127 m.s.h. A tital resolve opposite of Albeiran specietages Wine the state of Pener koolour 13 to 156 th. per los.

Ash: 9, 2008

Pacific Tech. of San Diego, Calif., Offers Home Study Course in Airplant Drafting Tentanial Unimority, the well known school of synthes le-

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Assessed Type Certificate No. 1 Granted To Fairchild Comines Model 447-C Enrine

MALINE by HOLW IV comes shaded 2000 ft, in 2.5 pm. the suggest by Department of Common suggester at Wash-

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Capt. Hubert S. Broad in DH Hound Makes 3

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The waterest record for the 202 bilestates 1,802 bileston man h at Element Oct. 7, 1965, at a Newport-Delete SDC-1.

General Aviation Co. of Syracuse, Plans Mail Roote from Washington D. C. to Ottown THE OCCURAL Ariston Co. Sec. of Syrrous, N. Y., is washing out obtain for a Copied to Copied or mod, per-The common reportly secondard with W. Charles Live.

(2Dopage-Dates 500 bp.)

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The har will every sheltly page than 909 ms. It will leage Scalaned at Washington; the N.A.T. of Delichood, Akron Aerial Club Conducting Lectures

For Members on All Phoses of Aviation THE ACRON Areas Clob of Akron, O., is conducting a

to reduction the field of secondaries more gradity, and will bory in that pake and sustractor.

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Civil Service Examination for Positions In Philadelphia Naval Aircraft Factors

The dates, under present supervision, are to largest all

Crouse-Hinds Co. of Syracuse, N. Y., Takes Contract for Lighting Municipal Airport

lights, and reserves afters. All of the lights will be provaled by the Course Flench Co. of Sevenner. The recourse Atlantic Airport, Inc., of Westerly, R. I.; To Distribute Earlewek and Ryan Planes

ATLANTIC AIRPORT, Inc. of Westerly, E. C. a woole

AVIATION

Dan Hunter of Codes Revide Wins Joseph An editional hour at 1985 signs, was pen at full throating Good Will Roce in a Stinson Detroiter DAN HUNTER of Cafer Bands from a love Stooms. afficial tabulations to have consumed eight minutes more Tence of the ether pilets, unafficulty tabulated, aboved Cally one of the 55 planes which left Drs Monor as the the day parties field to finds. That was a Travel Air come of engine trouble. He was unable to take all agen-Sattle Coult Sport City, Council Stalls, Clerade and De-

Navier Motor Works of Landon Produces New Envine Developing Greater Power PRODUCTION OF a new type of surine was accounted valuement of the Berset V, which is used extensionly in the The new Serse XI as a bond acrow type engles, having three backs of four evicules such. With a construction

Matter. Approximately ITL000 persons gathered at the



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Proper Landing Fields Most Re Freeinhed By Cities Included on Air Mail Routes

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Candler Field to Hove U.S. Radio Station And Weather Bureau for Air Mail Pilota AN APPRINCIPALATION of \$5,000 to contract a building

to six self points and to other flore. It was indicated that probably fator the Affanta station would purve as a radio

Through Stages of Aviation_



VALSPAR PROTECTION ALL over the world, since the earliest days of svistion Valencine's Valapar has been the choice of designers

1919 The NO.4-The feet despites

1919 The Ray - First respect to by respect over the



Valence has proved its worth on the world's most famous planes. As early as 1911, Carries planes were Valsparred. In 1919, the R-14 propellers and the NC-4 were finished with Valence. The Eolder place which carned Commander Byrd to the North Pole was protected by Valapar and it was also used on the Spint of St. Louis on Lindbergh's flight to France. tough-Valsour has proved that it is the perfect electeds

and builders of fine siercraft. For Values noncesses the essential qualities that make for lasting beauty and

built to stand punishment. Constant exposure to stan,

rain, anow, sleet, exacting and oil, and extreme changes

No other finals can equal at for datability. It is

Waterproof, weatherproof, incredibly elastic and

NITRO-VALSPAR For those who prefer a become finish and its crack-drying

advantages, there is Nitro-Valspan. It is now accepted as the criterion by which all other because see radged.

Robertson Aircraft Corp. Places Orders Aggregating \$250,000 for New Airplanes A QUARTER of a serious dellars worth of orders for nonplacer have been placed by the newly re-presented Robertsee Airprach Corp. to be delivered as soon as pensible. When the delineres are complete the company will probably be the The please ordered are of various types, selected for 66-A Count place, fitted with cutra produce and od teals,

Air. These will all be Wright "Wicelward" powered planer In addition orders have been placed for right Wome and Mail Route Between Atlanta and Miami

Being Prepared by Pitcairn Aviation, Inc.

tablehol at Waycron and Mason, and there will be cobooset to Mand by air will be transferred to the Pea-

High Average Maintained in Operating Efficiency of Varney Air Mail Routes son, business manager for Versey Air Lines, that the air said route operated by Walter T. Versey between Proces, West, and Sell Lake Off in all archibits will show an attenue efficiency encoding PO per cent, for the year col-

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periation of transconfinental six wast to and from the Paede Nathwest states of Washington, Oregon, and Hisky, sucher reference of the retail stryles have made by Wen-As efficiency of 90 per cent, was unfainted in operating teriod dualitation of correlates for the number of 1925

Purchase of Mentone Airport for Orange Grave Takes Redlunds, Colif., Off Air Mon-Refunds Cold, has been numbered by E. Hobert Scour The Deportment of Commerce at Washington, D. C., has

Bellines Aircraft Corn. Soon to Complete Factory and Field Near Wilminston, Del. THE PACTORY of the Sellness Assess Corp. at Naw Cords, no mice seeth of Welmangton, is repully neurong will be one of the first fields in the first. The room repway to the oppositing direction of the wind will be 2000 ft.

Complete Night Flying Equipment Being Installed on Field of Henry B. dn Post testicid accepting of boundary and obstruction lights, a R.R.T. Scale in the and a R.R.T. Scale in bottom are no 17 St tareer. Visiting Sires are refound and ma obtain quark serves. The field is located \$55 mi, northwest of Weinengtoy and marked by a 100 ft. mark.

Colonial Western Appoints Merle Clark Its Teaffic Representative in Buffala. MODELE & CLASS has been accepted been received

Aeronautical Industries, Inc. THE FIRST AFRONAUTICAL

INVESTMENT FUND

FIHE purpose of Aeronautical Industries. Inc. is so afford the Aircraft Industry an opportunity to secure capital from a group of investors who believe in the future of autoton. Its funds will be invested in a cross section of the aeronautical industry both here and abroad and thereby obtain diversification. Experts in aviation, finance and management well direct the investment policy of the company.

Information regarding any activity of the company will be sent on request.

AERONALITICAL INDUSTRIES, INC. Long D. Geolaer Populart

292 MADISON AVENUE, NEW YORK CITY

Last Minute Briefs

James Bandari, 18 yr. old Portland, Gre., Sec., scole a world's record of 20 in 14 area and 20.2 sec for produced Anthony Publics is proported to be an assessmenting with

The first fiving relevance in House County, N. Y., or Johas been appointed burners manager for Parasti Arreses

of 201 K. 183rd St. N. Y. C. where fiver field to brough The Trurel Air Transportation Co. of Welste, Ken, Inc.

E. L. Vari, vice provident of the Jasper Watch Co. New John O'E. Kelly, farmerly operations manager of the North

Dea Probet, veteran pilot and former siviles instructor for the Government, has accepted a position as pilot with

Scoric Airways, Inn. of Playstoff, Arin, her obtained a leave on a portion of Keek Pool. J. Parker Van Sandt, Current J. Lamon of Lamon, Win ; has soldy assumpting to

The City of Ashland, Win, will take inswediate steps to The Shravacort Aurups, Lor, of Shrevapert, La, of which The City of Synamol, Go., will begin construction im-

Auby 9, 1908

maketely of a memicipal amport on a 750 acre treat. His parced places of the United States Army will be seen

A boiling company to being formed with a sainful stack of \$20,000 to purchase 100 acres on Highway No. 16 year Marshall, Man., for the purpose of developing on surport. H. W. Transit of Steam Path, S. D., will relative an one The Good Astrony, comed by C. J. Social of the Gent Me-Fact Wayne to Harber, where an air field has have somet-

Rerry Ston, Inc., of Detroit has appointed Thomas A. a relet of bourgesthing or court The first of a patiest value shop of hearthst of the Amerion loated of Arresposics, Clience, it planted for Burn-No. We. C J. Rafman and J. H. Warrison of the leads

survey of Whoppin was filed receipt by sireless. The

The Western Arr Empers has sound hardonaries at 600

green. Diety person have already here mented for more Confinented Agricum of Chroland, O. of which E. J. Scharmen is president, or planning the erection of a hangue

Dod Coun Past of the America Legen of Birthwills Ark, and the Retary Club are pleasing as serpest for that KNOW AIRCRAFT ENGINES

YOU NEED THIS BOOK TO



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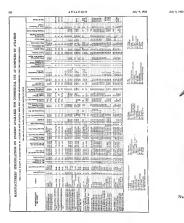
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